



PROSOCO®

Sure Klean® Weather Seal

PROTECTIVE TREATMENTS

H40

Sure Klean® Weather Seal H40 is a deep-penetrating water repellent and consolidation treatment for brick, most natural stone, unglazed terra cotta, historic concrete, stucco and cast stone surfaces. H40 protects against deterioration caused by water and waterborne contaminants while strengthening weathered surfaces and soft mortar joints.

Weather Seal H40 also reduces the severity of biological staining common to regions with high relative humidity. It helps prevent the rapid recolonization of biological species such as mold, mildew and lichens that normally thrive on masonry and natural stone architecture.

TYPICAL TECHNICAL DATA

FORM	Clear, slightly yellow liquid Mild petroleum odor
SPECIFIC GRAVITY	0.882
pH	not applicable
WT/GAL	7.34 lbs
ACTIVE CONTENT	23%
TOTAL SOLIDS	21% ASTM D 2369
VOC CONTENT	>600 g/L
FLASH POINT	108° F (42° C) ASTM D 3278
FREEZE POINT	<-22° F (<-30° C)
SHELF LIFE	2 years in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

ADVANTAGES

- Deep penetration provides long-lasting protection.
- Strengthens and protects deteriorating surfaces.
- Strengthens soft mortar – reduces need for repointing.
- Treated surfaces “breathe” – does not trap moisture.
- H40 helps prevent rapid recolonization by biological species such as mold, mildew and lichens.
- Low odor.

Limitations

- May damage glass or be difficult to remove. Always protect.
- May cause slight or moderate darkening on some surfaces. Always test for desired results.
- Surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Avoid application on extremely windy days to avoid rapid evaporation of the solvent carrier.
- Not recommended for application to new concrete or below-grade application.
- Will not prevent water penetration through structural cracks, defects or open joints.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Weather Seal H40 is compliant with the US Environmental Protection Agency’s AIM VOC regulations. Manufactured and marketed in compliance with US EPA AIM VOC regulations (40 CFR 59.403).

Visit www.prosoco.com/voccompliance to confirm compliance with individual district or state regulations.

Product Data Sheet

Weather Seal H40

PREPARATION

Protect people, property, vehicles, plants and all non masonry surfaces from contact with the product, fumes and wind drift. Protect and/or divert pedestrian and auto traffic. H40 may damage some metal finishes and glass. Test and protect as necessary.

Sure Klean® Strippable Masking is not effective protection for use with H40.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone.

When applying to exteriors of occupied buildings make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment is shut down during application and until all vapors have dissipated. Fill all cracks and voids to keep fumes out of buildings.

Surface should be clean and free of dirt, dust, oils and other contaminants. If necessary, clean with the appropriate PROSOCO cleaner. Surface must be thoroughly dry before application.

All caulks and sealants should be in place and thoroughly cured before application. The top of walls need to be capped and made watertight prior to application.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrating protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. Always pretest to ensure desired results.

Surface and Air Temperatures

For maximum effectiveness, surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Application on windy days may cause rapid evaporation of the solvent carrier and should be avoided.

Equipment

Recommended application is by high volume, low-pressure (<50 psi) spray. Fit sprayers with solvent-resistant gaskets and hoses to avoid discoloration. Fan spray tips are recommended to avoid atomization. Do not atomize or vaporize the material.

For small scale application, or when spray application is not appropriate, product may be applied using brush or roller. Contact Customer Care or your local PROSOCO representative for more information. Brushes and rollers should be nylon or other synthetic material resistant to solvent solutions.

Storage and Handling

Store in a cool, dry place away from potential ignition sources. Keep tightly closed when not dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.			
Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	yes	50–100 sq.ft. 5–9 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete*	Brick	yes	75–175 sq.ft. 7–16 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
Fired Clay	Brick	yes	50–175 sq.ft. 5–16 sq.m.
	Tile	yes	
	Terra Cotta (unglazed)	yes	
	Pavers	yes	
Marble♦, Travertine, Limestone	Polished	no	N/A
	Unpolished	yes	100–175sq.ft. 9–16 sq.m.
Granite♦	Polished	no	N/A
	Unpolished	yes	150–400 sq.ft. 14–37 sq.m.
Sandstone	Unpolished	yes	75–200 sq.ft. 7–19 sq.m.
Slate♦	Unpolished	yes	200–600 sq.ft. 19–56 sq.m.

*Not suitable for application to new concrete.
♦Slight darkening may occur.
Always test to ensure desired results.
Coverage estimates depend on surface texture and porosity.



Product Data Sheet

Weather Seal H40

APPLICATION

Read “Preparation” and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rates and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Dilution & Mixing

Apply as packaged. Do not dilute or alter.

Application Instructions

Vertical Surfaces: Spray Application

1. For best results, apply “wet-on-wet.” Spray from the bottom up, saturating with enough material for a 6 to 8 inch rundown below the spray contact point.
2. Let the first application penetrate for 5–10 minutes.
3. Reapply in the same saturating manner. Less material will be required on the second application.

Vertical Surfaces: Brush or Roller Application

Recommended for small scale application or when spray application is not appropriate. Contact PROSOCO for more information. Take extra care to saturate the surface. Brush out heavy runs and drips that do not penetrate the surface after a few minutes.

Horizontal Surfaces

Saturate so the surface stays wet for a few minutes. Thoroughly broom out any pools or puddles that don't completely penetrate.

Dense Surfaces Application

Apply a single coat. Use enough to completely wet the surface without creating drips, puddles or rundown. Do not over apply. Always test for proper rate of application.

Strengthening Deteriorated Surfaces

For maximum strengthening benefits, apply H40 in as few as 1 and as many as 3 “cycles.” Each cycle consists of 3 consecutive saturating applications applied at 5 to 10 minute intervals. Allow enough time between cycles (30–60 minutes) for penetration of the previous application.

Drying Time

Protect the treated surface from rain and traffic for 4–6 hours after application. Highly absorbent horizontal surfaces may take several days before the damp appearance is gone. Weather Seal H40 gains its water-repellency properties in 72 hours.

Cleanup

Clean tools and equipment immediately with mineral spirits or an equivalent cleaning solvent. Remove over spray and spills as soon as possible.

Painting Treated Surfaces

Surfaces treated with Weather Seal H40 can be painted over with most high quality, oil-base and acrylic emulsion paints. Testing is always necessary to ensure adhesion.

BEST PRACTICES

Surface should be clean, dry and absorbent before application.

Clean soiled surfaces with the appropriate Sure Klean® or Enviro Klean® cleaner before application. Call Customer Care toll-free at 800-255-4255 for recommendations.

Fill all cracks and voids to keep fumes out of occupied buildings. All caulks and sealants should be in place and fully cured.

Recommended application for PROSOCO protective treatments is high volume, low-pressure (<50 psi) spray equipment with a fan-type spray tip and adjustable pressure to avoid atomization of the material. For small scale application, or when spray application is not appropriate, brushes or roller may be

used. Contact Customer Care or your local representative for more information on brush/roller application.

For best consolidation of weakened substrates, use the “cycling” method as detailed in “Strengthening Deteriorated Surfaces” on this page.

ALWAYS TEST for best coverage rates and to confirm results before overall application. Test using the application instructions included herein. Let the test area dry thoroughly before inspection.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free at 800-255-4255.

Product Data Sheet

Weather Seal H40

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of

this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the PROSOCO representative in your area.

